



PATIENT PRESENTING CLINICAL SIGNS

LB George Obese animal with global fast findings possible enlarged atria and enlarged heart and likely poorly contracting ventriculus, fluid in lungs as of pulmonary edema. Also concern of unidentified tissues near prostate, possible prostatomegaly/ cystic prostate

SPECIES RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Ferret An overview study including the thorax and abdomen in two imaging planes is provided for review.

BREED RADIOGRAPHIC FINDINGS

Ferret Thorax

The body condition score is 7/9.

SEX The lateral projection of the thorax is moderately rotated.

Neutered Male The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

AGE The mediastinum is moderately widened by fat – accentuating the cardiac silhouette in the VD projection and elevating the heart from the sternum in the lateral view. The vertebral heart score in the lateral view is 5.4 (normal value 5.52 ± 0.28).

2 Years, 3 Months

INTERPRETED BY The lung parenchyma presents a generalized moderate ground glass opacification.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

HOSPITAL NAME Abdomen

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Center

The surrounding bony structures are within normal limits.

No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin. A mineral opaque curved structure is superimposed on the right cranial abdomen.

REFERRING VET

Jill Heatley, DVM

The serosal detail is maintained throughout the peritoneal and retroperitoneal space. The hind limbs are superimposed on the caudal abdomen.

The hepatic volume is moderately increased and the caudoventral margins are rounded

INVOICE The splenic volume is moderately increased, and the spleen presents with rounded margins.

51957 Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

DATE The gastrointestinal tract is generalized empty, no abnormalities in the position and delineation are appreciated. No pathological dilation of the intestinal loops is appreciated.

5-6-22



PATIENT

LB George

RADIOGRAPHIC DIAGNOSIS

- Obesity
- Splenomegaly
- Hepatomegaly
- Curved mineral opacity right cranial abdomen – dystrophic mineralization versus read out artefact

SPECIES

Ferret

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Ferret

The main findings are the obesity, splenomegaly and hepatomegaly. Potentials for the splenomegaly in the ferret are either benign in origin such as splenitis/hypersplenism, extramedullary hematopoiesis or neoplastic such as lymphosarcoma. Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or neoplastic infiltration. Ultrasound including FNA sampling can of the liver and spleen can be used as minimally advanced diagnostic tests.

SEX

Neutered Male

Evaluation of the region of the prostate is limited due to superimposition with the hind limbs. If there are cystic lesions of the prostate in the neutered ferret, check for pathology of the adrenal glands.

AGE

2 Years, 3 Months

No overt radiographic changes of the cardiovascular system are appreciated, but the significant fat depositions in the mediastinum, causing deviation of the heart from the sternum. The increased radiopacity of the lung parenchyma is considered as a sequela to the nutritional status as well. If there is clinically suspicion for underlying cardiac disease, recommend a cardiac echo for further assessment of cardiac chamber size and function.

INTERPRETED BY

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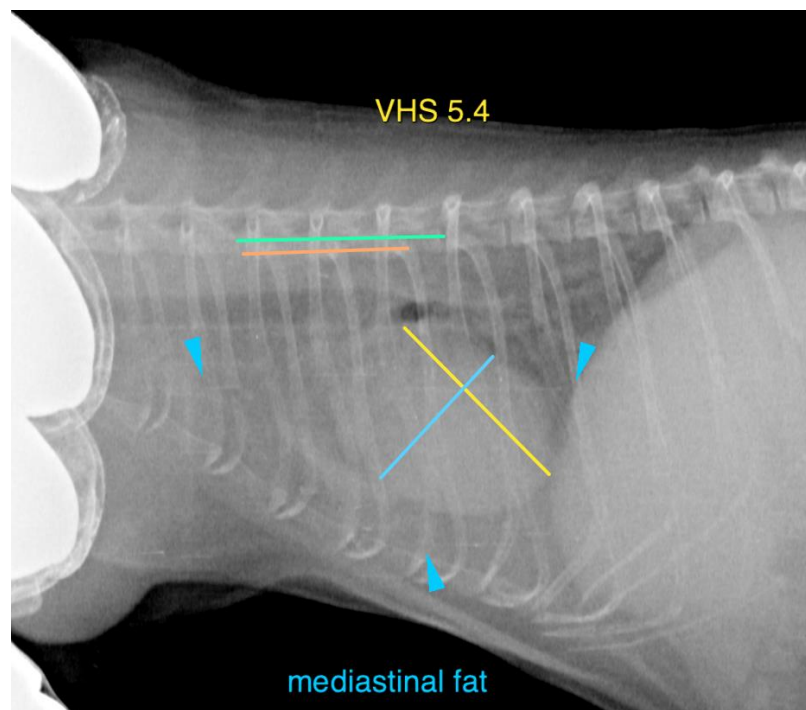
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SPECIES

Ferret

BREED

Ferret

SEX

Neutered Male

AGE

2 Years, 3 Months

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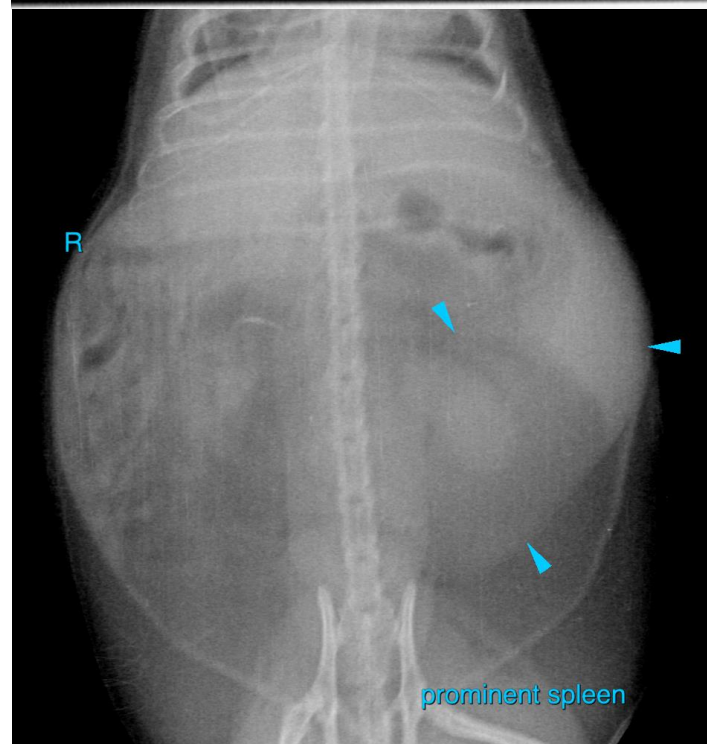
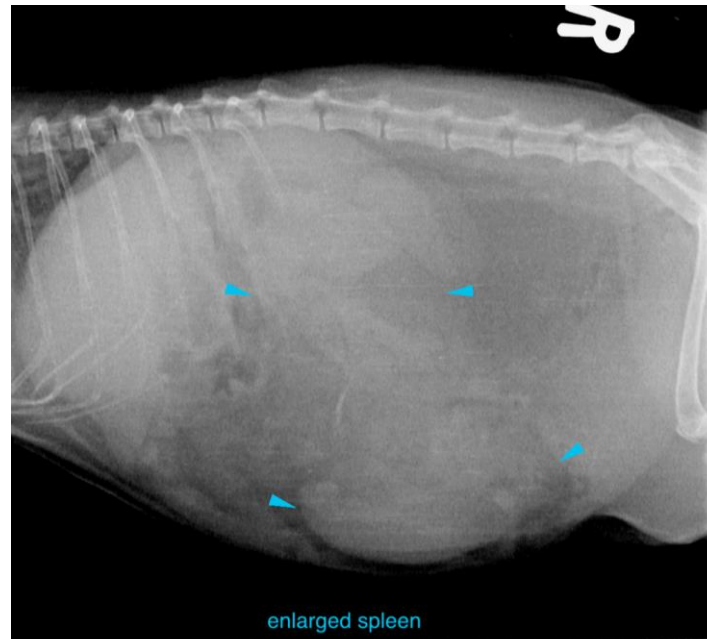
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SPECIES

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BREED

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SEX

Neutered Male

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2 Years, 3 Months

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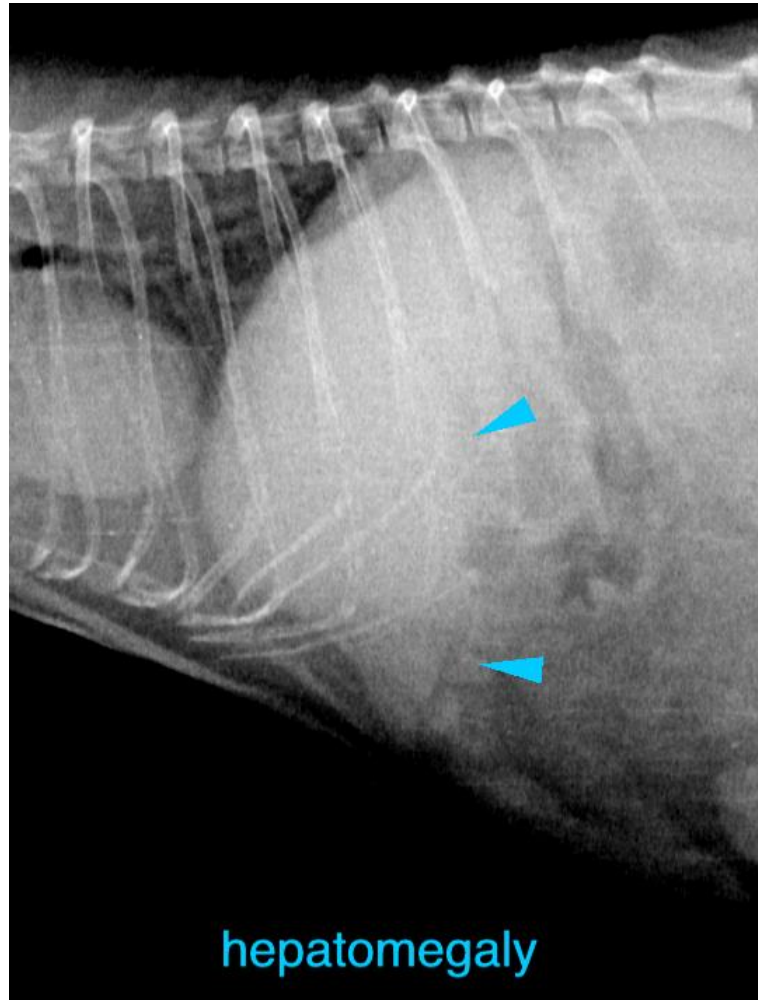
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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